

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Application Number : 10/671,490 Confirmation No. 8465  
Applicant : Kwang Hyo CHUNG et al.  
Filed : September 29, 2003  
Tech Cntr/AU : 1797  
Examiner : Jyoti Nagpaul  
Entitled : DEVICE FOR CONTROLLING FLUID USING SURFACE TENSION  
  
Attorney Reference : 123034-05004739  
Customer Number : 22429

**MAIL STOP AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RESPONSE AFTER FINAL

Dear Sir:

In response to the Final Office Action dated December 11, 2007, reconsideration of the application is respectfully requested.

The rejection of claims 1-16 under 35 U.S.C. §103(a) as obvious over McNeely (U.S. 6,591,852) is respectfully traversed. The rejection is believed overcome in view of the following remarks. Specifically, Applicants respectfully submit that for at least three reasons, McNeely fails to teach or suggest all of Applicants' claim limitations.

1. Independent claim 1, recites, *inter alia*, a device wherein:

“at least one side connecting channel connecting the first capillary stop valve to the second stop valve, wherein the capillary stop valves stop the flow of the fluid in each supply channel and exhaust channel using the surface tension of the fluid, and wherein a flow of fluid through the side connecting channel opens the capillary stop valves.” (Emphasis added).

At paragraph 5 of the Office Action, the Examiner asserts that McNeeley discloses wherein the flow of fluid through the side connecting channel 2 opens the capillary stop valves (a and b), as recited by the Applicants. Applicants respectfully disagree.